

<b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.:</b> 59181US004	<b>Serial No.:</b> 10/539,952
	<b>Applicant(s):</b> Haeberlein et al.	<b>Confirmation No.:</b> 8655
	<b>Application Filing Date:</b> March 6, 2006	<b>Group:</b> 1612
	Information Disclosure Statement filed:	December 18, 2009

**U.S. PATENT DOCUMENTS**

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		3,119,750	01/28/64	Faucett et al.			
		4,209,434	06/24/80	Wilson et al.			
		4,298,738	11/03/81	Lechtken et al.			
		4,324,744	04/13/82	Lechtken et al.			
		4,356,296	10/26/82	Griffith et al.			
		4,363,624	12/14/82	Johnston			
		4,385,109	05/24/83	Lechtken et al.			
		4,503,169	03/05/85	Randklev			
		4,642,126	02/10/87	Zador et al.			
		4,652,274	03/24/87	Boettcher et al.			
		4,665,217	05/12/87	Reiners et al.			
		4,695,251	09/22/87	Randklev			
		4,710,523	12/01/87	Lechtken et al.			
		4,737,593	04/12/88	Ellrich et al.			
		4,872,936	10/10/89	Engelbrecht			
		4,920,188	04/24/90	Sakashita et al.			
		4,957,872	09/18/90	Koever et al.			
		5,063,257	11/05/91	Akahane et al.			
		5,076,844	12/31/91	Fock et al.			
		5,130,347	07/14/92	Mitra			
		5,154,762	10/13/92	Mitra et al.			
		5,176,899	01/05/93	Montgomery			
		5,227,413	07/13/93	Mitra			

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		5,336,494	08/09/94	Pellico			
		5,367,002	11/22/94	Huang et al.			
		5,453,284	09/26/95	Pellico			
		5,501,727	03/26/96	Wang et al.			
		5,520,725	05/28/96	Kato et al.			
		5,545,676	08/13/96	Palazzotto et al.			
		5,679,779	10/21/97	Heilmann et al.			
		5,760,152	06/02/98	Heilmann et al.			
		5,762,502	06/09/98	Bahn et al.			
		5,856,373	01/05/99	Kaisaki et al.			
		5,859,089	01/12/99	Qian			
		5,871,360	02/16/99	Kato			
		5,925,715	07/20/99	Mitra			
		5,962,550	10/05/99	Akahane et al.			
		5,965,632	10/12/99	Orlowski et al.			
		5,997,301	12/07/99	Linden			
		6,084,004	07/04/00	Weinmann et al.			
		6,187,833 B1	02/13/01	Oxman et al.			
		6,187,836 B1	02/13/01	Oxman et al.			
		6,251,963 B1	06/26/01	Köhler et al.			
		6,306,926 B1	10/23/01	Bretscher et al.			
		6,387,981 B1	05/14/02	Zhang et al.			
		6,435,873 B1	08/20/02	Burgio			
		6,572,989 B2	06/03/03	Bian et al.			

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		6,696,058 B2	02/24/04	Pellico et al.			
		6,734,155 B1	05/11/04	Herbots et al.			
		6,752,989 B1	06/22/04	Haeberlein et al.			
		6,765,036 B2	07/20/04	Dede et al.			
		6,765,038 B2	07/20/04	Mitra			
		6,818,682 B2	11/16/04	Falsafi et al.			
		6,960,079 B2	11/01/05	Brennan et al.			
		6,982,288 B2	01/03/06	Mitra et al.			
		7,173,074 B2	02/06/07	Mitra et al.			
		2002/0087986 A1	05/08/03	Mitra			
		2003/0166737 A1	09/04/03	Dede et al.			
		2003/0166740 A1	09/04/03	Mitra et al.			
		2003/0195273 A1	10/16/03	Mitra et al.			
		2003/0198914 A1	10/23/03	Brennan et al.			
		2004/0029171 A1	02/12/04	Wagner et al.			
		2004/0120901 A1	06/24/04	Wu et al.			
		2004/0122126 A1	06/24/04	Wu et al.			
		2006/0177477 A1	08/10/06	Ash et al.			
		2007/0043141 A1	02/22/07	Wu et al.			

**U.S. PATENT APPLICATIONS BY SERIAL NUMBER**

Examiner Initial	Copy Enclosed	Document Number	Filing Date	Name	Class	Subclass
		10/030,942	11/17/00	Bian et al.		
		10/050,218	01/15/02	Dede et al.		

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		10/121,326	04/12/02	Mitra et al.		
		10/121,329	04/12/02	Mitra et al.		
		10/126,505	04/18/02	Brennan et al.		
		10/327,202	12/20/02	Wu et al.		
		11/327,411	12/20/02	Wu et al.		
		11/586,947	10/26/06	Wu et al.		

#### FOREIGN PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	X	DE 198 49 388 A1	05/04/00	Germany (English abstract included)				X
	X	DE 102 61 241 A1	07/15/04	Germany (English abstract included)				X
	X	EP 0 173 567 A2	03/05/86	Europe				
	X	EP 0 173 567 A3	08/27/86	Europe				
	X	EP 0 201 031 A2	11/12/86	Europe (English language abstract included)				X
	X	EP 0 201 031 A3	06/01/88	Europe (English language abstract included)				X
	X	EP 0 201 031 B1	08/02/89	Europe (English language abstract included)				X
	X	EP 0 201 778 A1	11/20/86	Europe (English language abstract included)				X
	X	EP 0 201 778 B1	12/28/88	Europe (English language abstract included)				X

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	X	EP 0 321 872 A2, A3	06/28/89	Europe			X	
	X	EP 0 361 908 A2, A3	04/04/90	EPO				
	X	EP 0 373 384 A1	06/20/90	EPO (English Language Abstract Included)				X
	X	EP 0 373 384 B1	10/28/92	EPO (English Language Abstract Included)				X
	X	EP 0 147 021 B1	05/22/91	Europe				
	X	EP 0 450 800 A1	10/09/91	Europe				
	X	EP 0 450 800 B1	06/26/96	Europe				
	X	EP 0 674 896 A1	10/04/95	Europe				
	X	EP 0 824 019 A1	02/18/98	Europe				
	X	EP 0 824 019 B1	11/20/02	Europe				
	X	EP 1 334 710 A1	08/13/03	Europe				
	X	JP 51067346 A	06/10/76	Japan (English language abstract and translation)			X	
	X	JP 407265097 A	10/17/95	Japan (English language abstract included)				X
	X	JP 40800267 A	01/09/96	Japan			X	
	X	WO 88/02600 A1	04/21/88	WIPO				
	X	WO 89/10736 A1	11/16/89	WIPO				
	X	WO 96/29978 A1	10/03/96	WIPO				
	X	WO 97/42825 A1	11/20/97	WIPO				
	X	WO 00/38619 A2	07/06/00	WIPO (English Language Abstract Included)				X

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	X	WO 00/42092 A1	07/20/00	WIPO (English Language Abstract Included)				X
	X	WO 01/07444 A1	02/01/01	WIPO (English Language Abstract Included)				X
	X	WO 01/10389 A1	02/15/01	WIPO (English language abstract included)				X
	X	WO 01/30304 A1	05/03/01	WIPO				
	X	WO 01/30305 A1	05/03/01	WIPO				
	X	WO 01/30306 A1	05/03/01	WIPO				
	X	WO 01/30307 A1	05/03/01	WIPO				
	X	WO 01/37787 A1	05/31/01	WIPO (English language abstract included)				X
	X	WO 01/49241 A2	07/12/01	WIPO (English Language Abstract Included)				X
	X	WO 01/49241 A3	12/20/01	WIPO (English Language Abstract Included)				X
	X	WO 01/64175 A1	09/07/01	WIPO				
	X	WO 01/92271 A1	12/06/01	WIPO (English Language Abstract Included)				X
	X	WO 02/06820 A3	06/27/02	WIPO (English Language Abstract Included)				X
	X	WO 02/068679 A2	09/06/02	WIPO (English Language Abstract Included)				X
	X	WO 02/068679 A3	10/02/03	WIPO (English Language Abstract Included)				X
	X	WO 2004/058193 A1	07/15/04	WIPO (English Language Abstract Included)				X

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**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

Examiner Initial	Copy Enclosed	Document Description
	X	Bredereck et al., "Über CH-aktive Polymerisationsinitiatoren XIII. Mitt. Polymerisationen und Polymerisationsinitiatoren," <i>Die Makromolekulare Chemie</i> , 1966, 92:70-90 (in German, Summary in English on page 70).
	X	"Cytochrome c - from Wikipedia, the free encyclopedia" datasheet [online]. Wikimedia Foundation, Inc., last modified on 14:03, 18 January 2007 [retrieved on 2007-01-19]. Retrieved from the Internet: <URL://http://en.wikipedia.org/wiki/Cytochrome_c>; 2 pgs.
	X	Derango et al., "Enzyme-mediated Polymerization of Acrylic Monomers," <i>Biotechnology Techniques</i> , 1992 November/December; 6(6):523-526.
	X	Durand et al., "Enzyme-mediated Radical Initiation of Acrylamide Polymerization: Main Characteristics of Molecular Weight Control," <i>Polymer</i> , 2001; 42(13):5515-5521.
	X	Emery et al., "Free-radical Polymerization of Acrylamide by Horseradish Peroxidase-mediated Initiation," <i>Journal of Polymer Science., Part A: Polymer Chemistry</i> , 1997; 35(15):3331-3333.
	X	Enzyme Nomenclature: 1992, Recommendations of the Nomenclature Committee of the International Union of Biochemistry and Molecular Biology, Webb, E., ed. (Academic Press, Inc.: San Diego, CA) 1992; page 112.
	X	"Enzymatic Nomenclature Recommendations of the Nomenclature Committee of the International Union of Biochemistry and Molecular Biology on the Nomenclature and Classification of Enzyme-Catalyzed Reactions," [online]. Department of Chemistry, Queen Mary University of London. Last updated on 3 June 2003 [retrieved on 2003-06-19] [5 pgs]. Retrieved from the Internet: <URL: http://www.chem.qmw.ac.uk/iubmb/enzyme/>.
	X	Iwahara et al., "Free-radical Polymerization of Acrylamide by Manganese Peroxidase Produced by the White-rot Basidiomycete <i>Bjerkandera Adusta</i> ," <i>Biotechnology Letters</i> , 2000; 22(17):1355-1361.

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	X	Iwahara et al., "Free-radical Polymerization of Acrylamide by Manganese Peroxidase Produced by the White-rot Basidiomycete <i>Bjerkandera Adusta</i> ," <i>Wood Research</i> , 2000; 87:21-22.
	X	Iwata et al., "Initiation of Radical Polymerization By Glucose Oxidase Utilizing Dissolved Oxygen," <i>Journal of Polymer Science, Part A: Polymer Chemistry</i> , 1991; 29(8):1217-1218.
	X	Kalra et al., "Enzymatic Synthesis of Predominantly Syndiotactic Poly(Methyl Methacrylate)," <i>Polymer Preprints</i> (ACS, Div of Polymer Chemistry), 2000; 41(1):213-214.
	X	Kalra et al., "Horseradish Peroxidase Mediated Free Radical Polymerization of Methyl Methacrylate," <i>Biomacromolecules</i> , 2000; 1(3):501-505.
	X	Kalra et al., "In vitro Enzyme Catalyzed Polymerization," <i>Abstract Pap - AM Chem. Soc.</i> , 220 <sup>th</sup> Poly - 446 (2000) (1 page).
	X	Lalot et al., "A Kinetic Approach to Acrylamide Radical Polymerization by Horse Radish Peroxidase-mediated Initiation," <i>Polymer International</i> , 1999; 48(4):288-292.
	X	Lion Dentrifice Co. Ltd., "WPI World Patent Information Derwent, Derwent, GB," 1976; NR.30 XP002164706 Abstract.
	X	Mathis et al., "Properties of a New Glass Ionomer/Composite Resin Hybrid Restorative," Abstract No. 51, <i>Journal of Dental Research</i> , 1987; 66:113.
	X	Paquette et al., "A Convergent Three-component Total Synthesis of the Powerful Immunosuppressant (-)-Sanglifehrin A," <i>Journal of the American Chemical Society</i> , Vol. 124, Title page, Publication page and pp. 4257-4270 (16 pp. total) (2002).
	X	Product Information Brochure, "Lifenza Bio Active Enzymes Enrich Your Life," Lifenza Co., Ltd, Seoul, Korea, (8 pgs total) (no date indicated).
	X	Product Information Brochure, "Novora Anchor Enzyme Complex: Novora's Novel Platform Technology," Novora, Westlake Village, CA, 4 pgs (no date indicated).

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	X	Reynolds et al., "Taurolin As An Oral Rinse II. Effects on In Vitro and In Vivo Plaque Regrowth," <i>Clinical Preventive Dentistry</i> , 1991; March/April; 13(2):18-22.
	X	Riggs et al., Chlorhexidine release from room temperature polymerizing methacrylate systems," <i>Biomaterials</i> , 2000; 21:345-351.
	X	Sato et al., "Oxidation of 1,2,4,5-Tetramethoxybenzene to a Cation Radical by Cytochrome P450," <i>Journal of the American Chemical Society</i> , Vol. 122, Title page, Publication page and pp. 8099-8100 (4 pp. total) (2000).
	X	Singh et al., "Enzyme-mediated Free Radical Polymerization of Styrene," <i>Biomacromolecules</i> , 2000; 1(4):592-596.
	X	Tae-kyung, "Lifenza to Present Enzyme for Mouth Care," The Korea Herald, pg. 13, 1 pg (October 10, 2000).
	X	Taira et al., "A Study on Cytochrome c Oxidoreductase for Bonding a Tri- <i>n</i> -butylborane-Initiated Luting Agent to Dentin," <i>Journal of Biomedical Materials Research</i> , 1999; 48(5):697-699.
	X	Teixeira et al., " $\beta$ -Diketones as Key Compounds in Free-Radical Polymerization by Enzymes-Mediated Initiation," <i>Macromolecules</i> , 1999; 32(1):70-72.
	X	Tischer et al., "Immobilized Enzymes: Methods and Applications," <i>Topics in Current Chemistry</i> , Vol. 200, Springer Verlag, Berlin, Heidelberg, pp. 95-126 (1999).

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